Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 28 Apr 2023 until 23:59 on Saturday 29 Apr 2023

Forecast Issued on Thursday 27 Apr 2023 at 14:10

Confidence: High initially for the unsettled and transition to milder conditions. Low confidence for the timing, detail and extent of showers over the weekend.

Headline for Friday 28 Apr 2023: Cloudy with outbreaks of rain and drizzle at first. Becoming drier and brighter in the afternoon. Breezy on the summits and feeling cold.

Mountain weather hazards on Friday 28 Apr 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Drizzle	Dull	Dull	Cloudy	Sunny intervals	Clear night
Precipitation probability							
80%	60%	30%	20%	20%	00%	10%	10%

Forecast for Friday 28 Apr 2023

Weather: Extensive low cloud with outbreaks of rain and drizzle at times, especially during the morning. Rain will gradually clear away to the east by midday, with the low cloud slowly lifting, thinning and breaking to give occasional brighter spells by late-afternoon and early evening, especially towards the south of the Park. Extensive low cloud and valley fog reforming after dusk.

Chance of cloud-free hill tops above 600m: 20% during early and late, improving to 80% in the afternoon.

Low cloud and visibility: Extensive low cloud, with bases down to 200-300m during the morning and after dusk, with visibility poor or very poor in low cloud and drizzle. Cloud bases lifting to above the summits in the afternoon, especially in the south of the Park.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 28 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/30 SE	14/19 SE	11/16 W	13/17 NW	17/23 NW	15/21 NW	11/16 NW	8/11 W	6/9 SW
300	16/27 SE	11/17 SE	9/14 W	11/17 W	14/22 NW	14/21 NW	9/14 NW	5/9 W	4/7 SW
Valley	10/21 E	6/13 E	5/11 W	8/16 NW	11/21 NW	11/21 NW	8/15 NW	4/9 W	2/5 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-0	6/3	6/3	7/3	8/4	9/6	9/6	7/4	6/4
300	6/2	7/4	8/6	8/6	10/7	12/9	11/10	9/8	8/7
Valley	7/4	8/6	8/7	9/7	11/9	13/11	12/11	9/8	8/7
Freezing Level*	2200m	2100m	2100m	2000m	1800m	1800m	1800m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult navigational conditions are likely early in the day, with extensive low cloud and drizzle at times. Waterproofs may become soaked in rain and drizzle. Surfaces may be slippery, therefore suitable footwear is advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 26 Apr 2023	0mm	0mm	2.6mm

Forecast for Saturday 29 Apr 2023

Weather: Extensive low cloud with patchy light drizzle overnight and early morning will gradually ease, with the low cloud lifting and breaking to give some bright or occasional sunny spells by the afternoon. However, the clouds will bubble up to give some showers, these locally heavy and possibly thundery in the afternoon, especially towards the south and west of the Park. Any showers fading by the evening, with low cloud reforming on the summits.

Maximum wind: West northwesterly 10-15mph at first, becoming variable 5-10mph.

Chance of cloud-free hill tops above 600m: 20% early and late, improving to 80% during daylight hours.

Low cloud and visibility: Extensive low cloud, with bases down to 200-300m at first, lifting to above the summits by midday. Low cloud reforming after dark, down to 200-300m, with mist and fog forming in the valleys.

Temperature: **Valleys:** Plus 3 Celsius, becoming Plus 15 Celsius.
At 600m: Plus 6 Celsius, becoming Plus 11 Celsius.
Freezing level: Above the summits.

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